

LINDA LINGLE
GOVERNOR



STATE OF HAWAII
PUBLIC UTILITIES COMMISSION
DEPARTMENT OF BUDGET AND FINANCE
465 S. KING STREET, #103
HONOLULU, HAWAII 96813

CARLITO P. CALIBOSO
CHAIRMAN

WAYNE H. KIMURA
COMMISSIONER

JANET E. KAWELO
COMMISSIONER

December 7, 2004

To Parties and Participants:

Re: Docket No. 03-0371, In the Matter of Public Utilities Commission Instituting a Proceeding to Investigate Distributed Generation in Hawaii.

Enclosed please find a copy of the Commission's final hearing agenda for the distributed generation hearings scheduled for December 8-10, 2004. The Commission incorporated the changes submitted by the County of Maui, Hawaii Renewable Energy Alliance, and Hess Microgen, Inc. No other party or participant submitted any changes and comments to the Commission's proposed hearing agenda.

In addition, enclosed please find an outline of the Commission's likely question areas and a copy of the Commission's docket entries for Docket No. 03-0371, as of December 6, 2004. Please review the entries as the Commission, unless objections are made, intends to accept all testimonies, exhibits, and relevant discovery listed in the entries into evidence at the beginning of the December 8th hearing.

If you have any questions, please contact Kevin Katsura at (808) 586-2019. Thank you for your assistance on this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "Kevin M. Katsura".

Kevin M. Katsura
Commission Counsel

KMK:eh

Enclosures

PARTIES AND PARTICIPANTS

DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS
DIVISION OF CONSUMER ADVOCACY
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**Hawaii Public Utilities Commission
Docket No. 03-0371 (Distributed Generation)
Hearing Agenda
Dec. 8-10, 2004**

DECEMBER 8, 2004

**Preliminary Hearing Issues
(8:30 a.m.)**

PLANNING ISSUES

**Panel A
(8:45 a.m.-10:15 a.m.)**

1. What forms of distributed generation (e.g., renewable energy facilities, hybrid renewable energy systems, generation, cogeneration) are feasible and viable for Hawaii?

Commission Questions - 8:45 a.m.

<i>Company Name</i>	<i>Panelist(s)</i>
HECO, MECO, HELCO	Scott Seu, Arthur Seki, & Ross Sakuda
KIUC	N. Richard Friedman & Joe McCawley
DIVISION OF CONSUMER ADVOCACY	Joseph A. Herz
HESS MICROGEN	Michael Gregg
LIFE OF THE LAND	Henry Curtis
HAWAII RENEWABLE ENERGY ALLIANCE	Warren Bollmeier
COUNTY OF KAUAI	Glenn Sato
COUNTY OF MAUI	Kal Kobayashi

Cross Examination: 9:30 a.m.

<i>Company Name</i>	<i>Cross Examiner</i>
HECO, MECO, HELCO	Thomas Williams
KIUC	Alan Oshima
DIVISION OF CONSUMER ADVOCACY	Jon S. Itomura
HESS MICROGEN	Sandra-Ann Wong
LIFE OF THE LAND	Henry Curtis
HAWAII RENEWABLE ENERGY ALLIANCE	Warren Bollmeier
COUNTY OF KAUAI	Christiane Nakea-Tresler
COUNTY OF MAUI	Kal Kobayashi

BREAK (10:15 a.m. – 10:30 a.m.)

**Panel B
(10:30 a.m. – 12:45 p.m.) (1:45 p.m – 4:00 p.m.)**

2. Who should own and operate distributed generation projects?

Commission Questions – 10:30 a.m.

<i>Company Name</i>	<i>Panelist(s)</i>
<i>HECO, MECO, HELCO</i>	<i>Scott Seu & William Bonnet</i>
<i>KIUC</i>	<i>N. Richard Friedman and Mike Yamane</i>
<i>DIVISION OF CONSUMER ADVOCACY</i>	<i>Joseph A. Herz</i>
<i>HESS MICROGEN</i>	<i>Michael Gregg</i>
<i>LIFE OF THE LAND</i>	<i>Henry Curtis</i>
<i>HAWAII RENEWABLE ENERGY ALLIANCE</i>	<i>Warren Bollmeier</i>
<i>COUNTY OF KAUAI</i>	<i>Glenn Sato</i>
<i>COUNTY OF MAUI</i>	<i>Kal Kobayashi & Jim Lazar</i>

LUNCH BREAK 12:45 p.m. – 1:45 p.m.

Cross Examination – 1:45 p.m.

<i>Company Name</i>	<i>Cross Examiner</i>
<i>KIUC</i>	<i>Alan Oshima</i>
<i>DIVISION OF CONSUMER ADVOCACY</i>	<i>Jon S. Itomura</i>
<i>HESS MICROGEN</i>	<i>Sandra-Ann Wong</i>
<i>LIFE OF THE LAND</i>	<i>Henry Curtis</i>
<i>HAWAII RENEWABLE ENERGY ALLIANCE</i>	<i>Warren Bollmeier</i>
<i>COUNTY OF KAUAI</i>	<i>Christiane Nakea-Tresler</i>
<i>COUNTY OF MAUI</i>	<i>Jim Lazar</i>
<i>HECO, MECO, HELCO</i>	<i>Thomas Williams</i>

BREAK (4:00 p.m. – 4:15 p.m.)

Panel C

(4:15- p.m. – 5:00 p.m.)

3. What is the role of the regulated electric utility companies and the commission in the deployment of distributed generation in Hawaii?

Commission Questions – 4:15 p.m.

<i>Company Name</i>	<i>Panelist(s)</i>
<i>HECO, MECO, HELCO</i>	<i>Scott Seu & William Bonnet</i>
<i>KIUC</i>	<i>N. Richard Friedman and Mike Yamane</i>
<i>DIVISION OF CONSUMER ADVOCACY</i>	<i>Joseph A. Herz</i>
<i>HESS MICROGEN</i>	<i>Michael Gregg</i>
<i>LIFE OF THE LAND</i>	<i>Henry Curtis</i>
<i>HAWAII RENEWABLE ENERGY ALLIANCE</i>	<i>Warren Bollmeier</i>
<i>COUNTY OF KAUAI</i>	<i>Glenn Sato</i>
<i>COUNTY OF MAUI</i>	<i>Kal Kobayashi & Jim Lazar</i>

ADJOURN DAY 1 (5:00 p.m.)

DECEMBER 9, 2004

Convene Hearing (8:30 a.m.)

**Panel C (Cont.)
(8:35 a.m. – 9:20 a.m.)**

Cross Examination – 8:35 a.m.

<i>Company Name</i>	<i>Cross Examiner</i>
<i>DIVISION OF CONSUMER ADVOCACY</i>	<i>Jon S. Itomura</i>
<i>HESS MICROGEN</i>	<i>Sandra-Ann Wong</i>
<i>LIFE OF THE LAND</i>	<i>Henry Curtis</i>
<i>HAWAII RENEWABLE ENERGY ALLIANCE</i>	<i>Warren Bollmeier</i>
<i>COUNTY OF KAUAI</i>	<i>Christiane Nakea-Tresler</i>
<i>COUNTY OF MAUI</i>	<i>Jim Lazar</i>
<i>HECO, MECO, HELCO</i>	<i>Thomas Williams</i>
<i>KIUC</i>	<i>Alan Oshima</i>

IMPACT ISSUES

**Panel D
(9:20 a.m. – 10:50 a.m.)**

4. What impacts, if any, will distributed generation have on Hawaii's electric transmission and distribution systems and market?
5. What are the impacts of distributed generation on power quality and reliability?

Commission Questions – 9:20 a.m.

<i>Company Name</i>	<i>Panelist(s)</i>
<i>HECO, MECO, HELCO</i>	<i>Scott Seu & Shari Ishikawa</i>
<i>KIUC</i>	<i>N. Richard Friedman and Mike Yamane</i>
<i>DIVISION OF CONSUMER ADVOCACY</i>	<i>Joseph A. Herz</i>
<i>HESS MICROGEN</i>	<i>Michael Gregg</i>
<i>LIFE OF THE LAND</i>	<i>Henry Curtis</i>
<i>HAWAII RENEWABLE ENERGY ALLIANCE</i>	<i>Warren Bollmeier</i>
<i>COUNTY OF KAUAI</i>	<i>Glenn Sato</i>
<i>COUNTY OF MAUI</i>	<i>Kal Kobayashi & Jim Lazar</i>

Cross Examination – 10:05 a.m.

<i>Company Name</i>	<i>Cross Examiner</i>
HESS MICROGEN	<i>Sandra-Ann Wong</i>
LIFE OF THE LAND	<i>Henry Curtis</i>
HAWAII RENEWABLE ENERGY ALLIANCE	<i>Warren Bollmeier</i>
COUNTY OF KAUAI	<i>Christiane Nakea-Tresler</i>
COUNTY OF MAUI	<i>Jim Lazar</i>
HECO, MECO, HELCO	<i>Thomas Williams</i>
KIUC	<i>Alan Oshima</i>
DIVISION OF CONSUMER ADVOCACY	<i>Jon S. Itomura</i>

BREAK (10:50 a.m. – 11:05 a.m.)

**Panel E
(11:05 a.m. – 12:05 p.m.)**

6. What utility costs can be avoided by distributed generation?
7. What are the externalities costs and benefits of distributed generation.
8. What is the potential for distributed generation to reduce the use of fossil fuels?

Commission Questions – 11:05 a.m.

<i>Company Name</i>	<i>Panelist(s)</i>
HECO, MECO, HELCO	<i>Scott Seu, Ross Sakuda & Shari Ishikawa</i>
KIUC	<i>N. Richard Friedman & Joe McCawley</i>
DIVISION OF CONSUMER ADVOCACY	<i>Joseph A. Herz</i>
HESS MICROGEN	<i>Michael Gregg/ Sandra-Ann Wong</i>
LIFE OF THE LAND	<i>Henry Curtis & Jessica Wooley</i>
HAWAII RENEWABLE ENERGY ALLIANCE	<i>Warren Bollmeier</i>
COUNTY OF KAUAI	<i>Glenn Sato</i>
COUNTY OF MAUI	<i>Kal Kobayashi & Jim Lazar</i>

Cross Examination – 11:25 a.m.

<i>Company Name</i>	<i>Cross Examiner</i>
LIFE OF THE LAND	<i>Henry Curtis</i>
HAWAII RENEWABLE ENERGY ALLIANCE	<i>Warren Bollmeier</i>
COUNTY OF KAUAI	<i>Christiane Nakea-Tresler</i>
COUNTY OF MAUI	<i>Jim Lazar</i>
HECO, MECO, HELCO	<i>Thomas Williams</i>
KIUC	<i>Alan Oshima</i>
DIVISION OF CONSUMER ADVOCACY	<i>Jon S. Itomura</i>
HESS MICROGEN	<i>Sandra-Ann Wong</i>

LUNCH BREAK (12:05 p.m. – 1:05 p.m.)

IMPLEMENTATION ISSUES

Panel F
(1:05 p.m. – 3:20 p.m.)

9. What must be considered to allow a distributed generating facility to interconnect with the electric utility's grid?

Commission Questions – 1:05 p.m.

<i>Company Name</i>	<i>Panelist(s)</i>
HECO, MECO, HELCO	Scott Seu & Shari Ishikawa
KIUC	N. Richard Friedman and Mike Yamane
DIVISION OF CONSUMER ADVOCACY	Joseph A. Herz
HESS MICROGEN	Michael Gregg/ Sandra-Ann Wong
LIFE OF THE LAND	Henry Curtis
HAWAII RENEWABLE ENERGY ALLIANCE	Warren Bollmeier
COUNTY OF KAUAI	Glenn Sato
COUNTY OF MAUI	Jim Lazar

Cross Examination – 2:10 p.m.

<i>Company Name</i>	<i>Cross Examiner</i>
HAWAII RENEWABLE ENERGY ALLIANCE	Warren Bollmeier
COUNTY OF KAUAI	Christiane Nakea-Tresler
COUNTY OF MAUI	Jim Lazar
HECO, MECO, HELCO	Thomas Williams
KIUC	Alan Oshima
DIVISION OF CONSUMER ADVOCACY	Jon S. Itomura
HESS MICROGEN	Sandra-Ann Wong
LIFE OF THE LAND	Henry Curtis

Panel G
(3:20 p.m. – 4:20 p.m.)

10. What are the appropriate rate design and cost allocation issues that must be considered with the deployment of distributed generation facilities?

Commission Questions – 3:20 p.m.

<i>Company Name</i>	<i>Panelist(s)</i>
HECO, MECO, HELCO	Estrella Seese, Douglas Gegax, & Scott Seu
KIUC	N. Richard Friedman & Joe McCawley
DIVISION OF CONSUMER ADVOCACY	Joseph A. Herz
HESS MICROGEN	Michael Gregg
LIFE OF THE LAND	Henry Curtis
HAWAII RENEWABLE ENERGY ALLIANCE	Warren Bollmeier
COUNTY OF KAUAI	Glenn Sato
COUNTY OF MAUI	Jim Lazar

ADJOURN DAY 2 (4:20 p.m.)

DECEMBER 10, 2004

Convene Hearing (8:30 a.m.)

Panel G (Cont.)

(8:35 a.m. – 10:35 p.m.)

(10:50 a.m.-11:50 a.m.)

10. What are the appropriate rate design and cost allocation issues that must be considered with the deployment of distributed generation facilities?

Commission Questions (Cont.) – 8:35 a.m.

<i>Company Name</i>	<i>Panelist(s)</i>
HECO, MECO, HELCO	Estrella Seese, Douglas Gegax, & Scott Seu
KIUC	N. Richard Friedman & Joe McCawley
DIVISION OF CONSUMER ADVOCACY	Joseph A. Herz
HESS MICROGEN	Michael Gregg
LIFE OF THE LAND	Henry Curtis
HAWAII RENEWABLE ENERGY ALLIANCE	Warren Bollmeier
COUNTY OF KAUAI	Glenn Sato
COUNTY OF MAUI	Jim Lazar

Cross Examination – 9:35 a.m.

<i>Company Name</i>	<i>Cross Examiner</i>
COUNTY OF KAUAI	Christiane Nakea-Tresler
COUNTY OF MAUI	Jim Lazar
HECO, MECO, HELCO	Thomas Williams
KIUC	Alan Oshima

BREAK (10:35-10:50)

Cross Examination (Cont.) –10:50 a.m

<i>Company Name</i>	<i>Cross Examiner</i>
DIVISION OF CONSUMER ADVOCACY	Jon S. Itomura
HESS MICROGEN	Sandra-Ann Wong
LIFE OF THE LAND	Henry Curtis
HAWAII RENEWABLE ENERGY ALLIANCE	Warren Bollmeier

LUNCH BREAK (11:50 a.m. – 12:50 p.m.)

Panel H

(12:50 p.m. – 3:05 p.m.)

11. What revisions should be made to the integrated resource planning process?

12. What revisions should be made to state administrative rules and utility rules and practices to facilitate the successful deployment of distributed generation?

Commission Questions – 12:50 p.m.

<i>Company Name</i>	<i>Panelist(s)</i>
HECO, MECO, HELCO	Scott Seu, Ross Sakuda & William Bonnet
KIUC	N. Richard Friedman & Joe McCawley
DIVISION OF CONSUMER ADVOCACY	Joseph A. Herz
HESS MICROGEN	Michael Gregg/ Sandra-Ann Wong
LIFE OF THE LAND	Henry Curtis
HAWAII RENEWABLE ENERGY ALLIANCE	Warren Bollmeier
COUNTY OF KAUAI	Glenn Sato
COUNTY OF MAUI	Kal Kobayashi

Cross Examination – 1:55 p.m.

<i>Company Name</i>	<i>Cross Examiner</i>
COUNTY OF MAUI	Kal Kobayashi
HECO, MECO, HELCO	Thomas Williams
KIUC	Alan Oshima
DIVISION OF CONSUMER ADVOCACY	Jon S. Itomura
HESS MICROGEN	Sandra-Ann Wong
LIFE OF THE LAND	Henry Curtis
HAWAII RENEWABLE ENERGY ALLIANCE	Warren Bollmeier
COUNTY OF KAUAI	Christiane Nakea-Tresler

BREAK (3:05 p.m. – 3:20 p.m.)

**Closing Comments
(3:05 p.m. – 4:25 p.m.)**

Presenters:

<i>Company Name</i>	<i>Presenter</i>
HECO, MECO, HELCO	Thomas Williams
KIUC	Mike Yamane
DIVISION OF CONSUMER ADVOCACY	Jon S. Itomura
HESS MICROGEN	Sandra-Ann Wong
LIFE OF THE LAND	Henry Curtis
HAWAII RENEWABLE ENERGY ALLIANCE	Warren Bollmeier
COUNTY OF KAUAI	Glenn Sato
COUNTY OF MAUI	Kal Kobayashi

ADJOURN DAY 3 (4:25 p.m.)

Outline of Likely Question Areas

I. Planning Issues

A. PANEL A: What forms of distributed generation (e.g., renewable energy facilities, hybrid renewable energy systems, generation, cogeneration) are feasible and viable for Hawaii?

1. Examples of current or potential DG applications
2. Feasibility and viability: how do we measure it?
3. Inclusions and exclusions: to what types of DG should Commission policy apply?
 - a. Size
 - b. Standalone DG

B. PANEL B: Who should own and operate distributed generation projects?

1. Arguments for utility ownership
2. Concerns about utility ownership
3. Concerns about nonutility ownership
4. Arguments for why nonutility DG is not disadvantaged by utility ownership
5. Proposals to address concerns about utility ownership
 - a. Accounting to prevent cross-subsidization
 - b. Comparability
 - c. Information Access
 - d. Separate affiliate
 - e. Competitive procurement process for utility-owned DG
 - f. Prohibition of utility ownership of certain DG
6. CHP-Specific Issues
 - a. Background on CHP contracts
 - b. CHP Installation Questions
 - c. Exclusive supplier agreements
7. Related market structures

- a. County of Maui Wheeling Proposal
- b. Sales of DG output to third parties

C. PANEL C: What is the role of the regulated electric utility companies and the commission in the deployment of distributed generation in Hawaii?

- 1. Utility's role
- 2. Commission's role
- 3. Competitors' role

II. Impact Issues

A. PANEL D: What impacts, if any, will distributed generation have on Hawaii's electric transmission and distribution systems and market?

1. Background on T v D
2. Practical problems

B. PANEL D: What are the impacts of distributed generation on power quality and reliability?

1. Benefits
 - a. Virtual backup power
 - b. Mitigating Load Pocket Problems
2. Concerns
 - a. Reliability of the utility's system
 - b. Power quality of the utility's system
 - c. Reliability of DG

C. PANEL E: What utility costs can be avoided by distributed generation?

D. PANEL E: What are the externalities, costs and benefits of distributed generation.

E. PANEL E: What is the potential for distributed generation to reduce the use of fossil fuels?

III. Implementation Issues

A. PANEL F: What must be considered to allow a distributed generating facility to interconnect with the electric utility's grid?

B. PANEL G: What are the appropriate rate design and cost allocation issues that must be considered with the deployment of distributed generation facilities?

1. Does DG create risk of uneconomic bypass and loss of fixed cost recovery; and if so, what is the solution?

a. Problem: loss of fixed cost recovery

b. Possible Solutions

- (1) Standby rates generally
- (2) Changes to Schedule P
- (3) Costs of interconnection
- (4) Contract length
- (5) Discounts

2. Does existing rate design discourage customer interest in DG; and if so, what is the solution?

a. Effect of existing electric rate design on customer interest in DG

- (1) Inverted block rate design
- (2) Time of use rates
- (3) Existing "subsidies"

b. Decoupling to eliminate utility incentive to oppose DG

c. Generation "impact fees"

3. What costs and benefits should be assigned to DG customers, and how?

- a. Separate cost of service for DG customers
- b. Credits for cost reductions
- c. Non-cost based incentives

C. PANEL H: What revisions should be made to the integrated resource planning process?

1. Applicability of IRP to DG
 2. Modifications to IRP to Accommodate DG
 3. Concerns about Present IRP Practices
- D. PANEL H: What revisions should be made to state administrative rules and utility rules and practices to facilitate the successful deployment of distributed generation?**
- E. Concluding Questions**

DOCKET ENTRIES

DOCKET NO. 03-0371 PUBLIC UTILITIES COMMISSION, #1:

FOLDER NO. 0:

1. ORDER NO. 20582: (1) A PROCEEDING IS INSTITUTED TO EXAMINE THE POTENTIAL BENEFITS AND IMPACTS OF DISTRIBUTED ENERGY RESOURCES ON HAWAII'S ELECTRICITY DISTRIBUTION SYSTEM. (2) HECO, MECO, HELCO, KIUC AND THE CA SHALL BE PARTIES TO THIS PROCEEDING. (3) WITHIN 20 DAYS OF THIS ORDER, INTERESTED PERSONS OR ENTITIES SHALL FILE THE MOTIONS TO INTERVENE OR PARTICIPATE WITHOUT INTERVENTION, PURSUANT TO HAR CHAPTER 6-61, filed----- October 21, 2003
2. Commission Ltrs/Representatives Calvin Say, Michael Magaoay, Hermina M. Morita, Kenneth T. Hiraki, Senators Ron Menor, J. Kalani English, and Robert Bunda, informing them that due to the closure of Dkt. No. 96-0493, the commission have opened two investigations, Order Nos. 20582/3, filed----- October 23, 2003
3. Life of the Land's Motion to Intervene, filed----- October 31, 2003
4. County of Kauai's Motion to Participate or Intervene, filed----- November 6, 2003
5. Motion to Intervene of Hawaii Renewable Energy Alliance, filed----- November 6, 2003
6. The Department of Business, Economic Development, and Tourism's Motion to Participate without Intervention, filed----- November 6, 2003
7. Notice of Appearance of Counsel, filed----- November 6, 2003
8. Motion to Intervene and Certificate of Service of Johnson Controls and Pacific Machinery, filed----- November 7, 2003
9. County of Maui's Motion to Intervene in the PUC's Docket No. 03-0371, Order No. 20582, Instituting a Proceeding to Investigate Distributed Generation in Hawaii; Verification of Kalvin K. Kobayashi, filed----- November 10, 2003
10. Hess Microgen, LLC's Motion to Intervene, filed----- November 10, 2003
11. Motion to Intervene (The Gas Company, LLC), filed---- November 10, 2003
12. Appearance of Counsel (Thomas W. Williams, Jr. and Peter Y. Kikuta for HECO, HELCO, and MECO), filed---- November 18, 2003

DOCKET ENTRIES

DOCKET NO. 03-0371 PUBLIC UTILITIES COMMISSION, #2:

FOLDER NO. 0:

13. Memorandum in Response to Motions to Intervene,
filed----- November 18, 2003
14. Ltr/Stephen Kalland, North Carolina Solar Center,
requesting participant status in this docket,
filed----- December 12, 2003
15. ORDER NO. 20832: (1) LOL's, HREA's, Hawaii Energy
Services Companies', the County of Maui's, Hess
Microgen's and TGC's motions to intervene are
granted. (2) The County of Kauai's and DBEDT's
motions to participate without intervention are
granted. (3) The parties and participants shall
meet informally to formulate the issues,
procedures, schedule, etc., filed----- March 3, 2004
16. Supplemental Certificate of Service, filed----- March 11, 2004
17. Proposed Prehearing Order, filed----- April 2, 2004
18. Ltr/CA, submitting original signature pages to the
proposed Stipulated Prehearing Order of 4/2/04,
filed----- April 6, 2004
19. PREHEARING ORDER NO. 20922: Parties' and
Participants' Stipulated Prehearing Order...is
approved and adopted in part, and denied in part,
etc., filed----- April 23, 2004
20. County of Kauai's Position Statement, filed----- May 3, 2004
21. County of Maui's Preliminary Statement of
Position, filed----- May 6, 2004
22. Hess Microgen, LLC's Preliminary Statement of
Position, filed----- May 7, 2004
23. DBEDT's Preliminary Statement of Position, filed
(IN SEPARATE FOLDER)----- May 7, 2004
24. Life of the Land's Statement of Position, filed----- May 7, 2004
25. Preliminary Statement of Position of KIUC, filed----- May 7, 2004
26. Statement of Position of HREA, filed----- May 7, 2004
27. Preliminary Statement of Position of The Gas
Company, LLC, filed----- May 7, 2004

DOCKET ENTRIES

DOCKET NO. 03-0371 PUBLIC UTILITIES COMMISSION, #3:

FOLDER NO. 0:

28.	Preliminary Statement of Position and Certificate of Service of Johnson Controls, Inc., filed-----	May 7, 2004
29.	Preliminary Statement of Position (HECO/HELCO/MECO), Exhibit A, filed-----	May 7, 2004
30.	CA's Preliminary Statement of Position, filed-----	May 7, 2004
31.	Amended Certificate of Service (County of Kauai), filed-----	May 11, 2004
32.	Ltr/Cheryl Kikuta, CA, replacing page 7 of Table 2 in their Preliminary SOP filed 5/7/04, filed-----	May 11, 2004
33.	Ltr/Lani Nakazawa, Kauai County Attorney, submitting amended service list for County of Kauai's SOP, filed-----	May 14, 2004
34.	IRs to All DG Docket Parties of HREA, filed-----	May 21, 2004
35.	County of Kauai's IRs to the Kauai Island Utility Cooperative, filed-----	May 24, 2004
36.	County of Maui's IRs to HECO/HELCO/MECO, filed-----	May 24, 2004
37.	IRs from The Gas Company, LLC, filed-----	May 24, 2004
38.	IRs of Johnson Controls, Inc., filed-----	May 24, 2004
39.	IRs of Hess Microgen, LLC, filed-----	May 24, 2004
40.	Kauai Island Utility Cooperative's IRs, filed-----	May 24, 2004
41.	Life of the Land's IRs to All Parties, filed-----	May 24, 2004
42.	HECO/HELCO/MECO's IRs, filed-----	May 24, 2004
43.	CA's IRs to All Parties, filed-----	May 24, 2004
44.	ORDER NO. 21036: Prehearing Order No. 20922 is amended consistent with the terms of this order, filed-----	June 9, 2004
45.	Ltr/Thomas Gorak, Esq., submitting the Notice of Withdrawal and Certificate of Service of Johnson Controls, Inc., filed-----	June 10, 2004

DOCKET ENTRIES

DOCKET NO. 03-0371 PUBLIC UTILITIES COMMISSION, #4:

FOLDER NO. 0:

46.	Notice of Status Conference, to be held on June 23, 2004 at 3 p.m., PUC Hearing Room, filed-----	June 15, 2004
47.	County of Maui's Responses to IRs from HECO/HELCO/MECO, The Gas Company, Life of the Land, HREA, and the CA, filed-----	June 16, 2004
48.	DBEDT's Consolidated Responses to IRs of its Preliminary Statement of Position, filed-----	June 16, 2004
49.	KIUC's Responses to HREA's IRs, filed-----	June 16, 2004
50.	KIUC's Responses to Hess Microgen's IRs, filed-----	June 16, 2004
51.	KIUC's Responses to HECO/MECO/HELCO's IRs, filed-----	June 16, 2004
52.	KIUC's Responses to the County of Kauai's IRs, filed-----	June 16, 2004
53.	KIUC's Responses to Life of the Land's IRs, filed----	June 16, 2004
54.	KIUC's Responses to CA's IRs, filed-----	June 16, 2004
55.	KIUC's Responses to The Gas Company's IRs, filed----	June 16, 2004
56.	Responses to IRs by The Gas Company, LLC, filed (IN SEPARATE FILE)-----	June 16, 2004
57.	Life of the Land's Responses to IRs (RIRs), filed----	June 16, 2004
58.	Hess Microgen's Responses to IRs to its Preliminary Statement of Position, filed-----	June 16, 2004
59.	Response of HREA to IRs from Various Parties on HREA's Preliminary Statement of Position, filed (IN SEPARATE FILE)-----	June 16, 2004
60.	CA's Responses to IRs Submitted by the Parties on CA's Preliminary Statement of Position, filed (IN SEPARATE FILE)-----	June 16, 2004
61.	HECO/HELCO/MECO's Responses to IRs from the CA, The Gas Company, Hess Microgen LLC, HREA, Life of the Land, and County of Maui, filed (IN SEPARATE FILE)-----	June 16, 2004
62.	County of Kauai's Responses to IRs of HREA, filed----	June 17, 2004

DOCKET ENTRIES

DOCKET NO. 03-0371 PUBLIC UTILITIES COMMISSION, #5:

FOLDER NO. 0:

63. County of Kauai's Responses to IRs of Life of the Land, filed----- June 17, 2004
64. Ltr/HECO, informing the commission that although the Certificate of Service listing included G. Bull (Johnson Controls, Inc.), T.C. Gorak, Esq., (attorney for Johnson Controls, Inc.) and J. Reisch (Pacific Machinery), HECO did not serve copies of its IR responses to these parties, filed--- June 17, 2004
65. Life of the Land's Motion to Compel Responses to IRs, filed----- June 18, 2004
66. DBET's Response to Life of the Land's Motion to Compel Responses to IRs, filed----- June 22, 2004
67. Ltr/HECO/HELCO/MECO, providing 2 CDs of (1) HECO/HELCO/MECO's current tariff rules and schedules and (2) Response to TGC/HECO-SOP-IR-8, part a, spreadsheet files for Exhibit H and Workpaper H, filed (CDS IN SEPARATE ENVELOPE)----- June 25, 2004
68. Notice of Withdrawal of Pacific Machinery, filed----- June 30, 2004
69. ORDER NO. 21112: Life of the Land's motion to compel DBEDT to provide response answers to LOL's IRs and provide further responses to LOL-SOP-IR 20, 23, 24, 25, and 26 and any other relief stated in the Motion to Compel is denied, filed----- July 12, 2004
70. ORDER NO. 21117: Consistent with HAR Section 6-61-16 and Rule 3, Rules of the Circuit Courts, LOL's request to allow the Parties and Participants to file two-sided pleadings, briefs, and other documents required to be filed with the commission in this docket is approved for this docket only, subject to the limitation that only copies of all pleadings, briefs, and other documents submitted to the commission may be two-sided. Originals shall continue to be on-sided. Maui County's request to allow pleadings, briefs, and other documents to be post-marked on the dates set forth in the Stipulated Regulatory Schedule rather than filed at the office of the commission in Honolulu...is approved for this docket only, etc., filed----- July 13, 2004

DOCKET ENTRIES

DOCKET NO. 03-0371 PUBLIC UTILITIES COMMISSION, #6:

FOLDER NO. 0:

71.	Direct Testimony of the County of Kauai, filed-----	July 13, 2004
72.	DBEDT's Testimony, filed-----	July 14, 2004
73.	Testimony (HREA-T-1) of Warren S. Bollmeier II on Behalf of the HREA Re: The Implementation of a Competitive Market for Distributed Generation in Hawaii, filed-----	July 14, 2004
74.	Hess Microgen, LLC's Testimony of Michael Gregg and Michael De'Marsi, filed-----	July 14, 2004
75.	Life of the Land's Direct Testimony; Exhibits, filed-----	July 14, 2004
76.	CA's Direct Testimony and Exhibits, filed (IN SEPARATE GREY BOOKLET)-----	July 14, 2004
77.	HECO/HELCO/MECO's Direct Testimonies and Exhibits, filed (IN SEPARATE ONE BINDER)-----	July 14, 2004
78.	KIUC's Direct Testimonies and Exhibits, filed (IN SEPARATE NAVY BLUE BOOKLET)-----	July 14, 2004
79.	Direct Testimony of Kalvin Kobayashi, Energy Coordinator, on Behalf of County of Maui (COM-T-1), filed-----	July 15, 2004
80.	Direct Testimony and Exhibits of Jim Lazar, Consulting Economist, on Behalf of County of Maui (COM-T-2), filed-----	July 15, 2004
81.	Exhibit of Jim Lazar, Consulting Economist, on Behalf of County of Maui (COM-200), filed-----	July 15, 2004
82.	The Gas Company, LLC's Notice of Withdrawal, filed---	July 15, 2004
83.	County of Kauai's IRs to KIUC, filed-----	July 28, 2004
84.	KIUC's IRs to Hess Microgen, HREA, County of Maui, and the CA, filed-----	July 28, 2004
85.	Life of the Land's IRs to the Parties and Active Participants on Their Written Direct Testimonies, Exhibits and Workpapers, filed-----	July 28, 2004

DOCKET ENTRIES

DOCKET NO. 03-0371 PUBLIC UTILITIES COMMISSION, #7:

FOLDER NO. 0:

86. Hess Microgen's IRs to the Direct Testimonies and Exhibits of the CA; HECO, HELCO, MECO; HREA; KIUC; and County of Maui, filed----- July 28, 2004
87. CA's IRs to the Parties on their Direct Testimonies, Exhibits, and Workpapers, filed----- July 28, 2004
88. HECO/HELCO/MECO's Direct Testimony IRs to the CA, County of Maui, Hess Microgen, HREA, Life of the Land, and DBEDT, filed----- July 28, 2004
89. IRs on Direct Testimonies of Various Docket Parties of HREA, filed----- July 28, 2004
90. County of Maui's Direct Testimony IRs to HECO, HELCO, and MECO; the CA; KIUC; HREA; and DBEDT, filed----- July 29, 2004
91. ORDER NO. 21187: (1) JCI's June 9, 2004 Notice of Withdrawal is approved. (2) PMI's June 25, 2004 Notice of Withdrawal is approved. (3) TGC's July 15, 2004 Notice of Withdrawal is approved, filed----- July 29, 2004
92. DBEDT's Notice of Withdrawal, filed----- August 2, 2004
93. ORDER NO. 21228: The commission hereby approves DBEDT's Notice of Withdrawal, filed----- August 9, 2004
94. Life of the Land's Replies to Direct Testimony IRs, filed (IN SEPARATE FOLDER)----- August 18, 2004
95. KIUC's Responses to the County of Maui's IRS Issued July 28, 2004, filed (IN SEPARATE FOLDER)----- August 18, 2004
96. KIUC's Responses to Life of the Land's IRS Issued July 28, 2004, filed (IN SEPARATE FOLDER)----- August 18, 2004
97. KIUC's Responses to the County of Kauai's IRS Issued July 28, 2004, filed (IN SEPARATE FOLDER)----- August 18, 2004
98. KIUC's Responses to HREA's IRS Issued July 28, 2004, filed (IN SEPARATE FOLDER)----- August 18, 2004

DOCKET ENTRIES

DOCKET NO. 03-0371 PUBLIC UTILITIES COMMISSION, #8:

FOLDER NO. 0:

99. KIUC's Responses to Hess Microgen's IRs Issued
July 28, 2004, filed
(IN SEPARATE FOLDER)----- August 18, 2004
100. KIUC's Responses to the CA's IRs Issued July 28,
2004, filed
(IN SEPARATE FOLDER)----- August 18, 2004
101. CA's Responses to IRs Submitted by the Parties on
the CA's Written Direct Testimony, filed
(IN SEPARATE FOLDER)----- August 18, 2004
102. Hess Microgen, LLC's Responses to IRs to its
Direct Testimonies from the CA; HECO, HELCO, &
MECO; KIUC; and HREA, filed
(IN SEPARATE FOLDER)----- August 18, 2004
103. Response of HREA to IRs from Various Parties on
HREA's T-1 (Warren S. Bollmeier II) Direct
Testimony, filed
(IN SEPARATE FOLDER)----- August 18, 2004
104. HECO/HELCO/MECO's Responses to Direct Testimony
IRS from the CA, County of Maui, Hess Microgen
LLC, HREA, and LOL, filed
(IN SEPARATE FOLDER)----- August 18, 2004
105. County of Maui's Responses to IRs from
HECO/HELCO/MECO, CA, HREA, Life of the Land, and
Hess Microgen, filed
(IN SEPARATE FOLDER)----- August 19, 2004
106. County of Maui's Responses to IRs from KIUC, filed--- August 27, 2004
107. Supplemental IRs on Direct Testimonies of the CA,
KIUC, and the Company of HREA, filed----- September 2, 2004
108. Life of the Land's SIRs, filed----- September 3, 2004
109. KIUC's Submission of SIRs to HREA and the CA,
filed----- September 3, 2004
110. Hess Microgen, LLC's Simultaneous IRs to the
Responses to IRs of the CA and HECO, HELCO, and
MECO, filed----- September 3, 2004
111. CA's SIRs, filed----- September 3, 2004

DOCKET ENTRIES

DOCKET NO. 03-0371 PUBLIC UTILITIES COMMISSION, #9:

FOLDER NO. 0:

112. HECO/HELCO/MECO's direct testimony SIRs to the CA,
County of Maui, Hess Microgen, and HREA, filed----- September 3, 2004
113. County of Maui's SIRs to HECO/HELCO/MECO and the
CA, filed----- September 7, 2004
114. Notice of Status Conference, filed-----September 15, 2004
115. Amended Notice of Status Conference, filed-----September 16, 2004
116. County of Maui's Responses to SIRs from
HECO/HELCO/MECO, filed-----September 16, 2004
117. NOTICE OF EVIDENTIARY HEARING, to be held on
December 8-10, 2004, at 9 a.m., PUC Hearing Room,
filed-----September 17, 2004
118. Hess Microgen, LLC's Responses to SIRs to its
Responses to IRS to its Direct Testimonies from
HECO/HELCO/MECO, filed-----September 17, 2004
119. Response of HREA to SIRs from Various Parties on
HREA's T-1 (Warren S. Bollmeier II) Direct
Testimony, filed-----September 17, 2004
120. KIUC's Response to SIRs on Direct Testimonies of
the CA, KIUC and the Companies of HREA, filed-----September 17, 2004
121. CA's Responses to SIRs Submitted by the Parties on
the CA's Responses to IRS filed on the CA's
Written Direct Testimony, filed-----September 17, 2004
122. HECO/HELCO/MECO's responses to Direct Testimony
SIRs from the County of Maui, Hess Microgen, HREA,
and Life of the Land, filed-----September 17, 2004
123. Ltr/HECO, requesting the status conference be
rescheduled from 1:30 to 2 p.m. on 9/30/04, filed----September 29, 2004
124. Commission ltr/HECO, rescheduling the 9/30/04
status conference from 1:30 to 2 p.m., filed-----September 30, 2004
125. Ltr/Cindy Young, Esq., County of Maui, Dept. of
the Corporation Counsel, withdrawing SIR No. 4,
which was submitted to HECO on 9/3/04, filed----- October 14, 2004
126. Rebuttal Testimony (HREA-RT-1) of Warren S.
Bollmeier II on Behalf of the HREA Re: The
Implementation of a Competitive Market for
Distributed Generation in Hawaii, filed----- October 22, 2004

DOCKET ENTRIES

DOCKET NO. 03-0371 PUBLIC UTILITIES COMMISSION, #10:

FOLDER NO. 0:

127. KIUC's Rebuttal Testimonies and Exhibits, filed----- October 22, 2004
128. CA's Rebuttal Testimony and Exhibits, filed
(IN ONE LIGHT GRAY BOOKLET)----- October 22, 2004
129. HECO/HELCO/MECO's Rebuttal Testimonies and
Exhibits, filed
(IN ONE WHITE BINDER)----- October 22, 2004
130. Rebuttal Testimony of the County of Kauai,
Attachment A, filed----- October 25, 2004
131. County of Maui's Simultaneous Written Rebuttal
Testimonies of Exhibit COM-RT-1, Kal Kobayashi,
Energy Coordinator, and Exhibit COM-RT-2, Jim
Lazar, Consulting Economist, filed----- October 25, 2004
132. Commission IRs to All Parties, filed----- October 28, 2004
133. KIUC's Submission of Rebuttal IRs, filed----- November 1, 2004
134. CA's Rebuttal IRs to the County of Maui on their
Written Rebuttal Testimonies and Exhibits, filed----- November 1, 2004
135. IRs on Rebuttal Testimonies of Various Parties of
HREA, filed----- November 1, 2004
136. HECO/HELCO/MECO's RIRs to the County of Maui and
HREA, filed----- November 1, 2004
137. Commission ltr/All Parties/Participants,
scheduling a prehearing conference on 11/29/04 at
10 a.m. and requesting the filing of prehearing
statements to the commission by 11/22/04, filed----- November 1, 2004
138. County of Maui's Rebuttal IRs to HECO, HELCO,
MECO, and the CA, filed----- November 3, 2004
139. Commission ltr/All Parties and Participants,
notifying them of a new hearing format which will
be discussed at the prehearing conference
scheduled for 11/29/04, filed----- November 16, 2004
140. Life of the Land's Responses to PUC's IRs
(PUC-IR-1 to 34), filed----- November 22, 2004
141. HREA's Prehearing Conference Statement and
Response to HREA to IRs from the PUC on Docket No.
03-0371, etc., filed----- November 22, 2004

DOCKET ENTRIES

DOCKET NO. 03-0371 PUBLIC UTILITIES COMMISSION, #11:

FOLDER NO. 0:

142. Response of HREA to Rebuttal IRs from
HECO/HELCO/MECO on HREA's RT-1 (Warren S.
Bollmeier II) Rebuttal Testimony, filed----- November 22, 2004
143. Hess Microgen, LLC's Responses to IRs from the PUC
(PUC-IR-1 to 34), filed----- November 22, 2004
144. Hess Microgen, LLC's Prehearing Conference
Statement, filed----- November 22, 2004
145. KIUC's Responses to PUC's IRs (PUC-IR-1 to 34),
filed----- November 22, 2004
146. CA's Responses to County of Maui's (COM-CA-RIR-31
to 35) and HREA's Rebuttal IRs (HREA-CA-RT-1-IR-1
to 21), filed----- November 22, 2004
147. CA's Responses to PUC's IRs (PUC-IR-1 to 34),
filed----- November 22, 2004
148. HECO/HELCO/MECO's Prehearing Conference Statement,
filed----- November 22, 2004
149. HECO/HELCO/MECO's responses to rebuttal testimony
IRs from County of Maui (COM-HECO-RIR-1 to 30) and
HREA (HREA-HECO-RT-1-IR-1 TO RT-5A-IR-9), filed
(IN SEPARATE FILE)----- November 22, 2004
150. HECO/HELCO/MECO's responses to PUC's IRs (PUC-IR-1
to 34), filed
(IN SEPARATE FILE)----- November 22, 2004
151. KIUC's Prehearing Conference Statement, filed----- November 22, 2004
152. Ltr/John Cole, CA, submitting a prehearing
conference statement, filed----- November 23, 2004
153. Prehearing Conference Statement of the County of
Kauai, filed----- November 23, 2004
154. County of Kauai's Responses (PUC-IR-1 to 34) to
IRs of the PUC, filed----- November 23, 2004
155. County of Maui's Responses to CA-RIR-1 to 20,
including Attachment 1, of the CA, filed----- November 23, 2004
156. County of Maui's Responses to IRs from the PUC
(PUC-IR-1 to 34), filed----- November 23, 2004

DOCKET ENTRIES

DOCKET NO. 03-0371 PUBLIC UTILITIES COMMISSION, #12:

FOLDER NO. 0:

157. County of Maui's Responses (HECO/Maui-RT-RIR-1 to 34) and Rebuttal Testimony of Kalvin Kobayashi, Energy Coordinator, on Behalf of County of Maui, filed
(IN SEPARATE FILE)----- November 23, 2004
158. County of Maui's Prehearing Conference Statement, filed----- November 23, 2004
159. Life of the Land's Prehearing Conference Statement, filed----- November 24, 2004
160. Ltr/Cheryl Kikuta, CA, informing the commission that Joseph A. Herz will represent CA on each of the eight panels and Jon Itomura, will conduct cross on behalf of the Division, filed----- November 30, 2004
161. ORDER NO. 21489: (1) The hearing format is modified to a panel format. (2) Prehearing Order No. 20922...is amended by deleting paragraph 2, etc., (3) The parties and participants shall notify commission counsel, Kevin M. Katsura, on which witnesses will be assigned for each panel by 12/1/04. (4) The parties and participants shall meet informally to agree to an order of cross-examination, etc. (5) The commission will distribute to the parties and participants an agenda for the hearings by 12/3/04 and the parties and participants shall submit any request for changes by 12/6/04. (6) The hearings will begin at 8:30 a.m., each day, etc. (7) This prehearing conference order shall control subsequent course of the hearings, etc., filed----- December 1, 2004
162. Ltr/Sandra-Ann Wong, Esq., indicating that Michael Gregg will serve as Hess' representative on all of the panels, except for the Friday panels, which will be herself, filed----- December 1, 2004
163. Ltr/HECO/HELCO/MECO, providing its panelists and cross examiner for Panels A-H, filed----- December 1, 2004
164. Ltr/Lani Nakazawa, Kauai County Attorney, providing Glenn Sato as Kauai's representative for all panels, Christiane Nakea-Tresler will be cross examination, and Mr. Sato will close, filed----- December 2, 2004

DOCKET ENTRIES

DOCKET NO. 03-0371 PUBLIC UTILITIES COMMISSION, #13:

FOLDER NO. 0:

165. Commission Ltr/All Parties and Participants,
providing the draft hearing agenda for 12/8-10/04
and request any changes by 12/6/04, filed----- December 3, 2004
166. County of Maui's Supplemental Response
(HECO/Maui-DT-SIR-7) to IRs from HECO/HELCO/MECO,
filed----- December 6, 2004